

# INTERNATIONAL SEARCH REPORT

Intern:      Application No  
PCT/EP 03/04718

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7    G02B13/20    G02B3/04    F21V5/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7    G02B    F21V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| A          | DE 36 02 262 A (BOSCH GMBH ROBERT)<br>14 May 1987 (1987-05-14)<br>column 5, line 20 - line 63; figures<br>6,9A-9D  | 1,2,4,6,<br>7         |
| A          | DE 40 31 352 A (BOSCH GMBH ROBERT)<br>9 April 1992 (1992-04-09)<br>column 2, line 56 - line 63<br>column 3, line 40 - line 57; figure 1  | 1,2,6-9               |
| A          | PATENT ABSTRACTS OF JAPAN<br>vol. 013, no. 406 (P-930),<br>8 September 1989 (1989-09-08)<br>& JP 01 147403 A (OLYMPUS OPTICAL CO LTD),<br>9 June 1989 (1989-06-09)<br>abstract | 1,2,4,6,<br>7         |
|            | ---<br>-/-   |                       |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*&\* document member of the same patent family

Date of the actual completion of the international search

31 July 2003

Date of mailing of the international search report

07/08/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
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| A          | PATENT ABSTRACTS OF JAPAN<br>vol. 015, no. 325 (M-1148),<br>19 August 1991 (1991-08-19)<br>& JP 03 122902 A (KOITO MFG CO LTD),<br>24 May 1991 (1991-05-24)<br>abstract       | 1,4,6,7               |
| A          | US 1 370 885 A (FREDERICK CHARLES W ET AL)<br>8 March 1921 (1921-03-08)<br>page 2, line 10 - line 41<br>page 2, line 82 - line 89<br>page 3, line 55 - line 70; figures 2-6,8 | 1,4,6                 |

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Information on patent family members

Intern: Application No

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| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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